

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000420**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 01-Nov-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** / **HSR's:** / **NCR's:** /

Item	Title	Detail
1	Meetings attended	<p>The weekly Owner's Meeting to discuss CT's issues with the Contractor was conducted at 08:00 today. Dave Williams and Steve Lawton were present for ABF. Pete Siegenthaler, Jim Merrill, Jason Tom, Stan Ku and I were present for CT.</p> <p>CT inquired about ZPMC's system for tracing WPSs to weld details. ABF stated that they were developing a system that will show a direct link from a weld detail on shop drawings to an approved WPS. CT stated that it was important that the individual welders are aware of and use the system.</p> <p>CT inquired about ZPMC's system of recording dimensional checks. CT wishes to understand ZPMC's dimensional checking methods in order to streamline CT's QA inspections. ABF stated that they will provide copies of ZPMC's forms to CT.</p> <p>CT inquired about the status of the closed rib UT procedure. A meeting was held yesterday between CT, ABF and ZPMC to discuss the development of the UT procedure. CT desired to confirm the understanding that the first-leg amplitude approach will be pursued. ABF agreed and stated that they will confirm with ZPMC's Stephen Kang that the first-leg amplitude approach will be pursued. CT emphasized that they are not directing ABF/ZPMC to use the first-leg amplitude approach. CT stated that a criterion for an acceptable closed rib UT procedure is an accuracy of 0.2 mm as specified in the Contract. ABF agreed.</p> <p>CT inquired about receiving a fabrication schedule for the OBG. ABF stated that they will try to get ZPMC's OBG production personnel to attend the ZPMC Daily Meeting.</p> <p>CT inquired about receiving a purchase order for material that will not have</p>

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fine grain size listed on the MTR when required. ABF stated that they do not have a purchase order but that they could provide a list of all the heat numbers for that material. CT stated that this was satisfactory.

CT stated that their surveyors will arrive when the tower mock-up is complete to perform QA inspection survey. CT suggested that a survey of the jigs and fixtures to be used for OBG assembly may be done during the time that CT surveyors are on site. ABF agreed and stated that they had already considered this.

2	Other important observations	I conducted a shop floor walkthrough at approximately 09:00. ZPMC was observed performing welding of closed ribs for the second closed rib weld trials. ZPMC was observed performing welds to splice longitudinal stiffeners for the tower mock-ups. ZPMC was observed performing welds to splice skin plate for the 89-m tower mock-up section. ZPMC was observed performing welds to assemble the diaphragm for the 89-m section.
3	Key conversations	I had separate conversations with ABF's John Hamer and Steve Lawton to discuss an email written by ZPMC's Shi Jin on 29-Oct-07. The email suggested that CT had directed ZPMC to perform work on a connection plate to a longitudinal stiffener weld on the 77-m tower mock-up section. I clarified with John Hamer and Steve Lawton that CT did not direct ZPMC to perform any work. It was understood that there was a misunderstanding between a CT QA inspector and ZPMC QC personnel. The ZPMC QC misinterpreted the CT QA inspector's question as a directive. Both John Hamer and Steve Lawton agreed that the CT QA inspector did not direct ZPMC to perform any work.

Inspected By: Velasco, Abifhiram

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
